Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085859.D
Acq On : 29 Mar 2016 20:04
Operator : UM/SJ
Sample : H1979-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC1

Quant Time: Mar 30 01:21:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117385	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	478419	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	218441	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	439046	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	329972	20.00	ng	-0.01
86) Perylene-d12	15.37	264	241510	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	931703	132.19	ng	0.00
7) Phenol-d6	6.45	99	1109301	123.78	ng	-0.01
23) Nitrobenzene-d5	7.37	82	700999	82.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	322763	155.52	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1108510	84.78	ng	-0.02
78) Terphenyl-d14	12.92	244	1217604	75.89	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.12	128	258818	10.74	ng	99
37) 2-Methylnaphthalene	8.80	142	217310	12.57	ng	98
49) Dimethylphthalate	9.57	163	200391	12.09	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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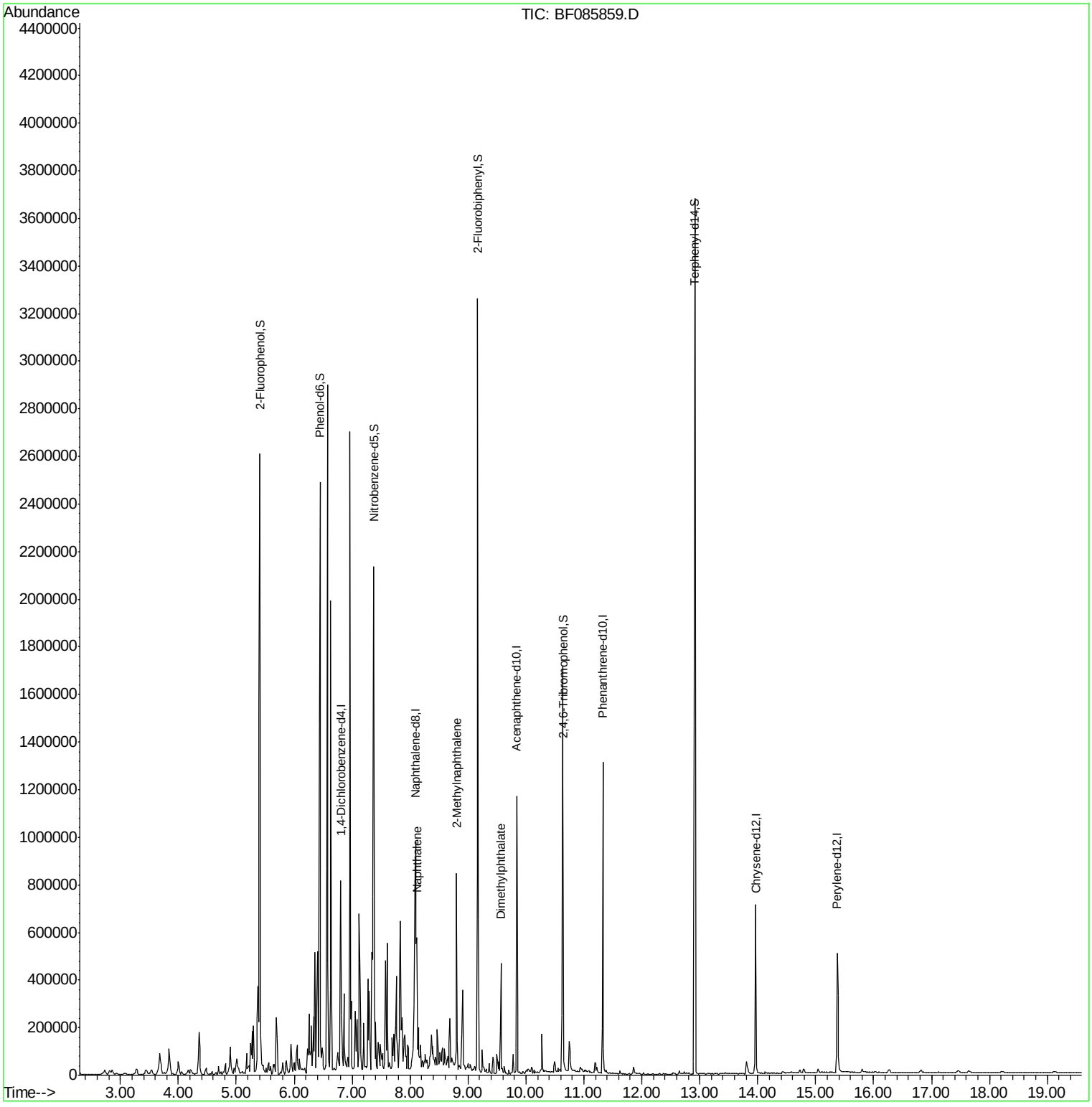
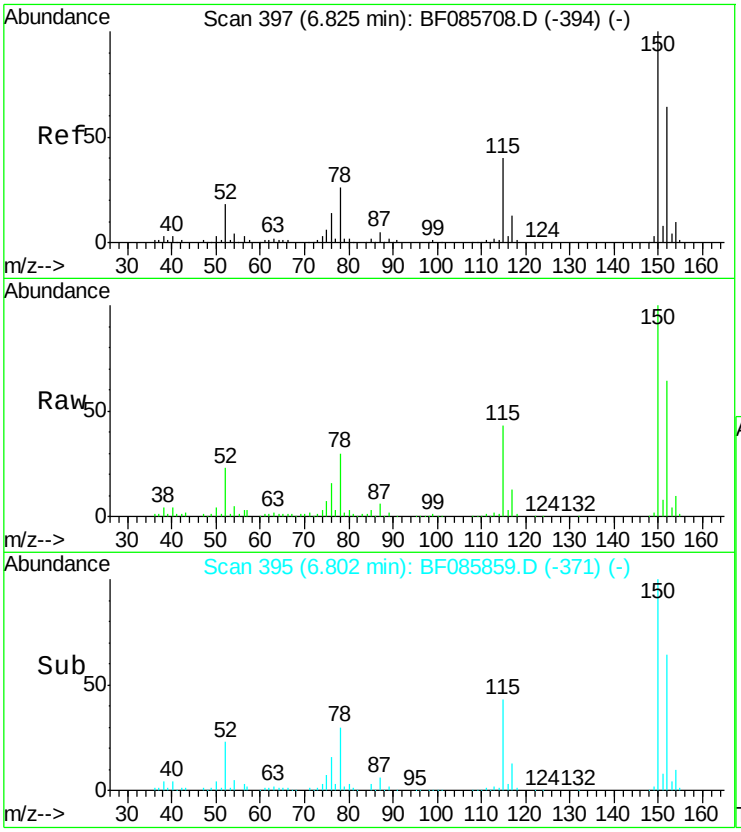


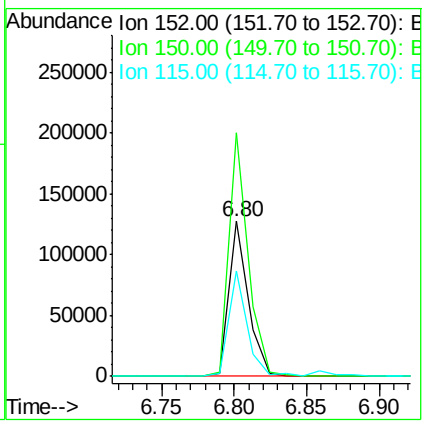


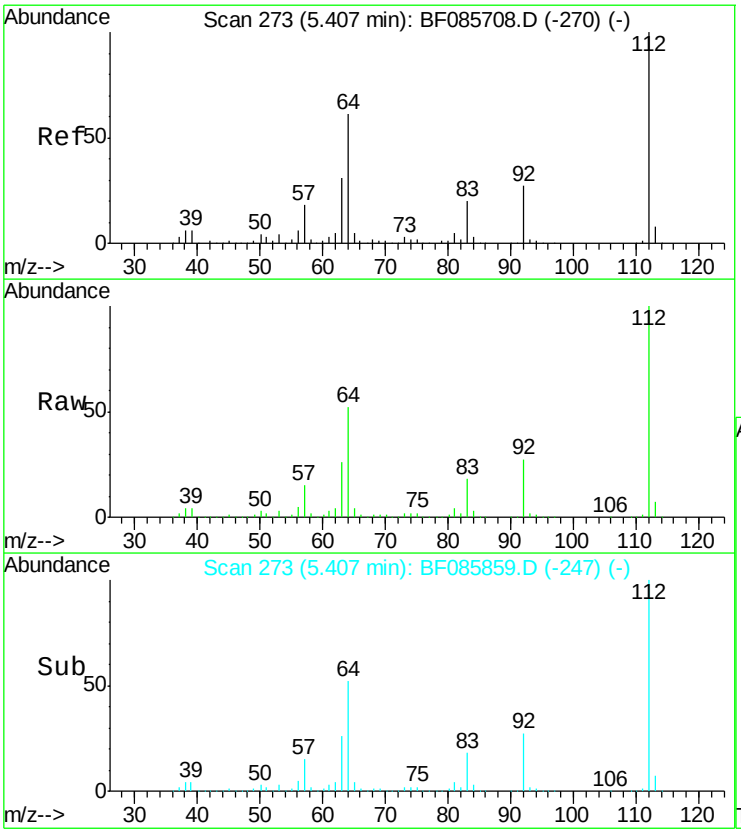
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:152 Resp: 117385

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.2
115	68.2	47.0	70.6

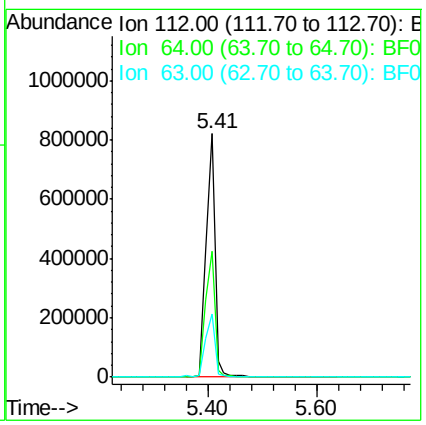


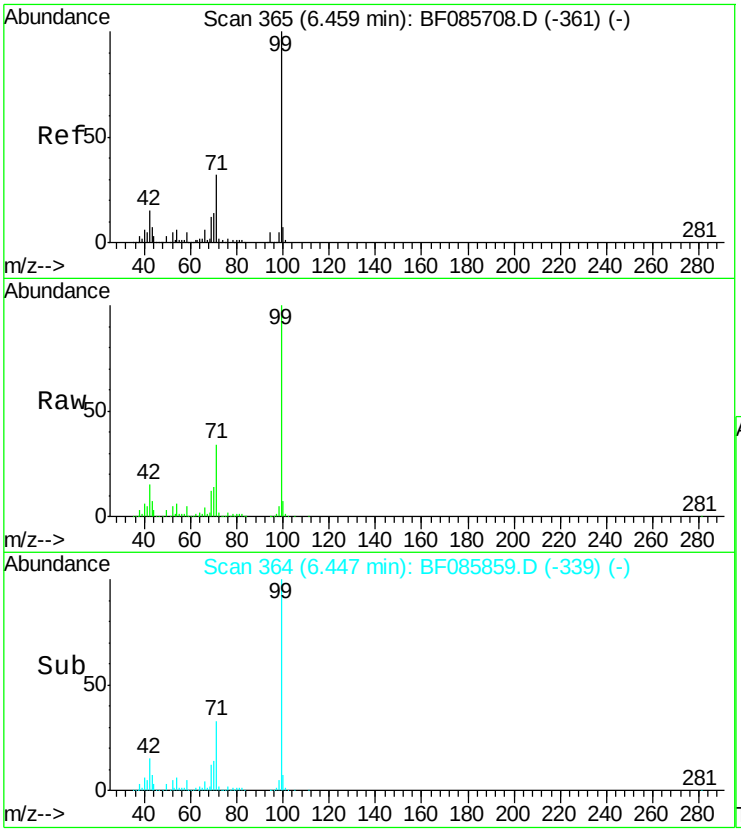


#5
2-Fluorophenol
Concen: 132.19 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion:112 Resp: 931703

Ion	Ratio	Lower	Upper
112	100		
64	51.7	39.9	59.9
63	26.1	20.2	30.2



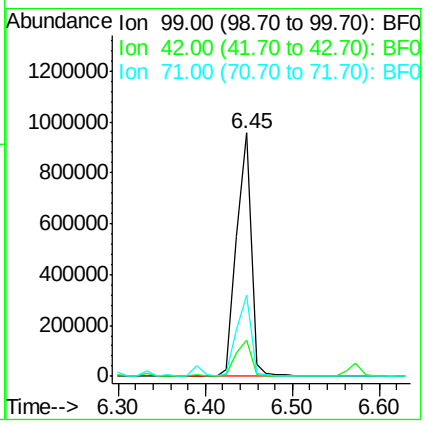


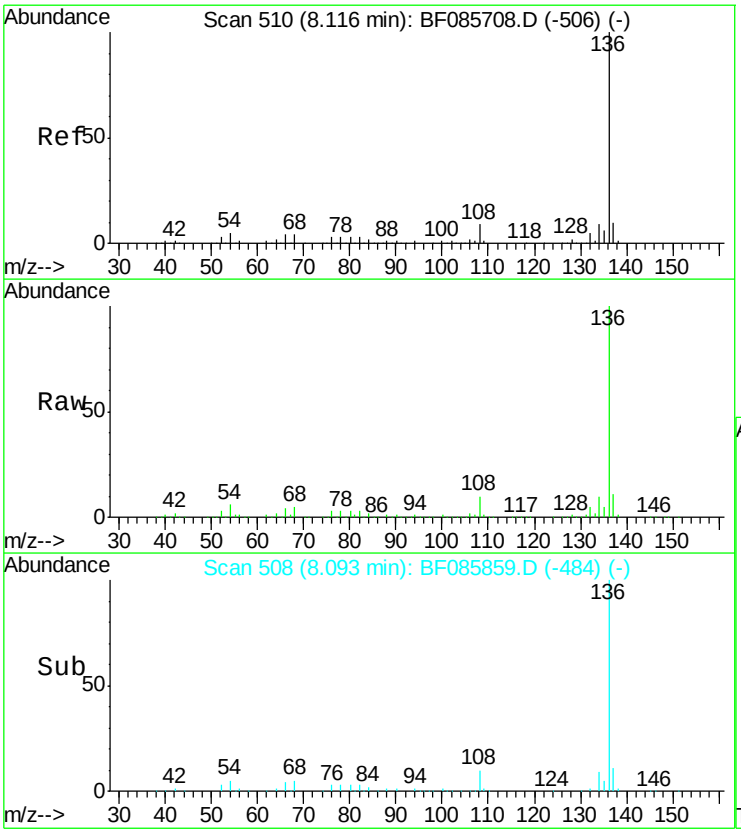
#7
Phenol-d6
Concen: 123.78 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion: 99 Resp: 1109301

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.1	16.7
71	33.6	24.9	37.3

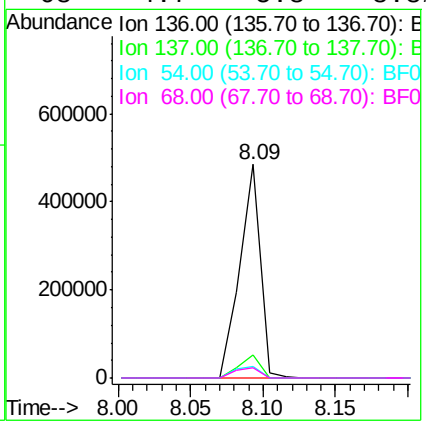


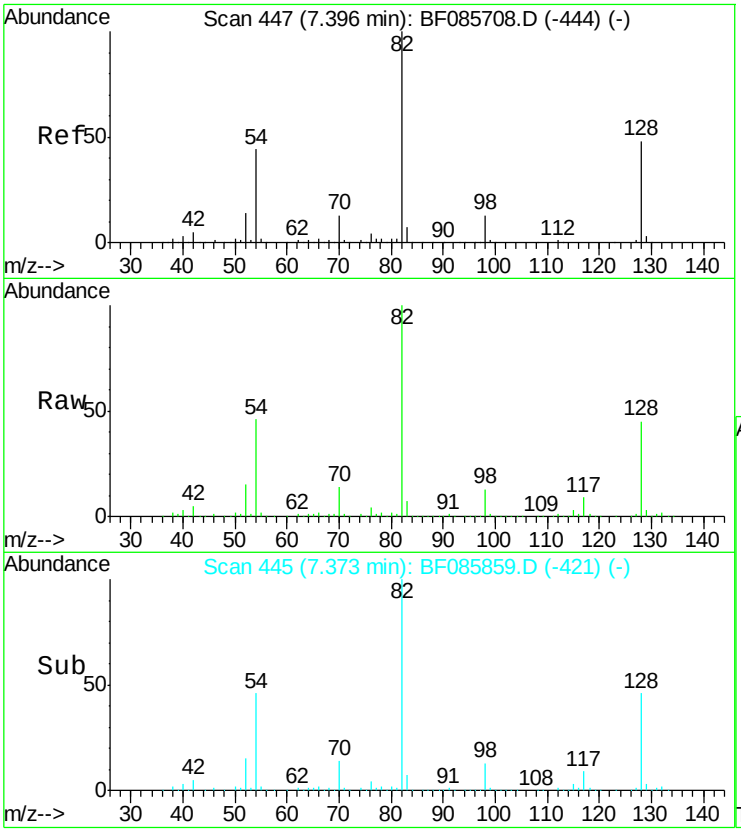


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion:136 Resp: 478419

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.6	7.4	11.0#
68	4.7	5.8	8.8#



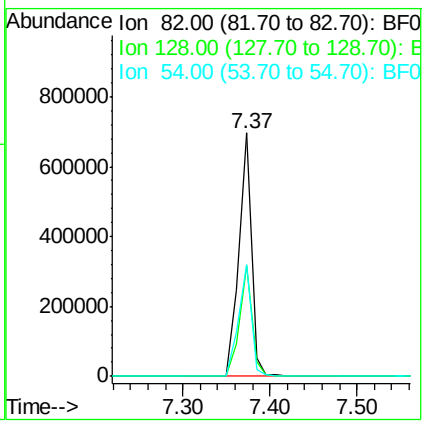


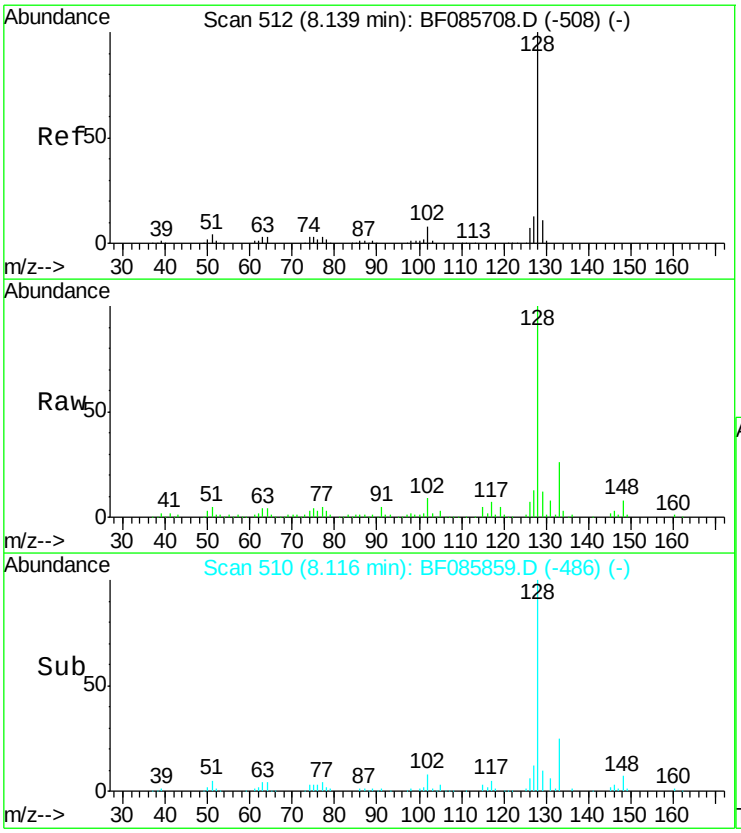
#23
Nitrobenzene-d5
Concen: 82.51 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion: 82 Resp: 700999

Ion	Ratio	Lower	Upper
82	100		
128	45.5	41.8	62.8
54	45.8	33.4	50.0

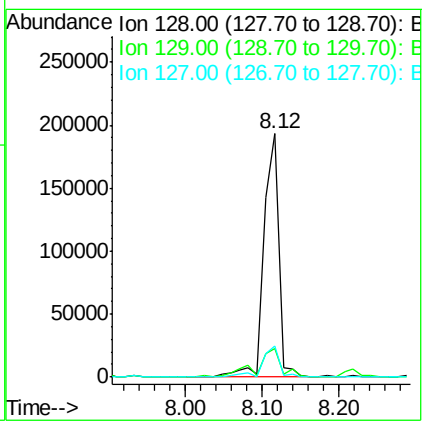


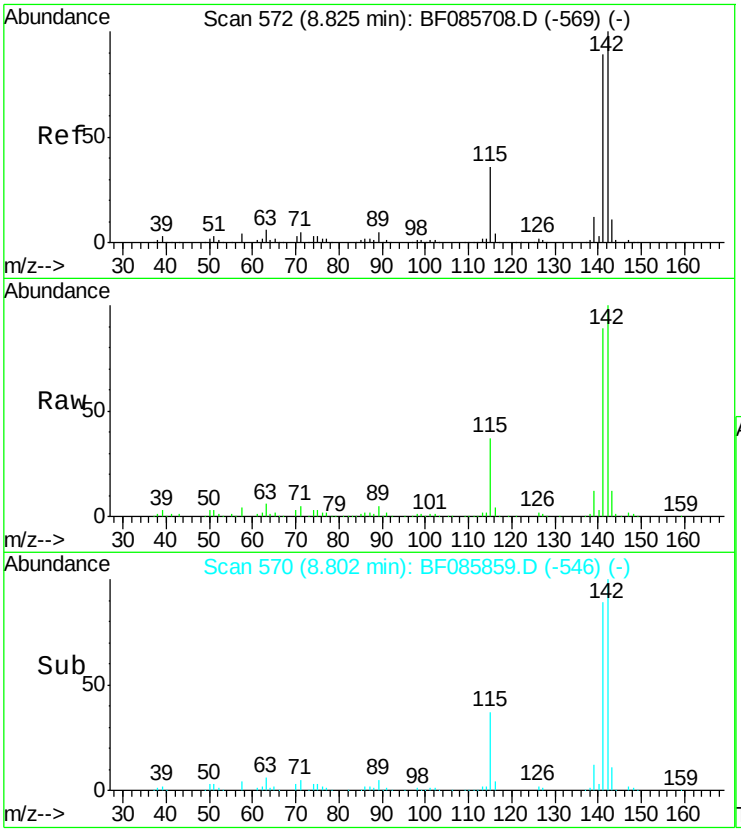


#31
Naphthalene
Concen: 10.74 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion:128 Resp: 258818

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.0	11.0	16.6



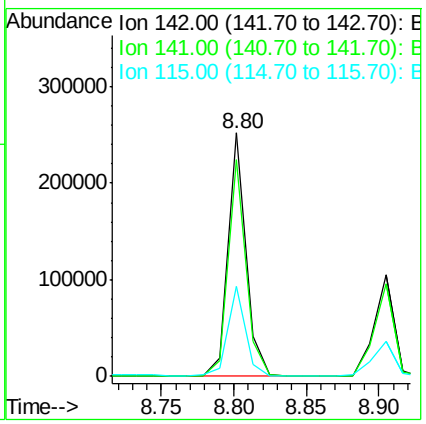


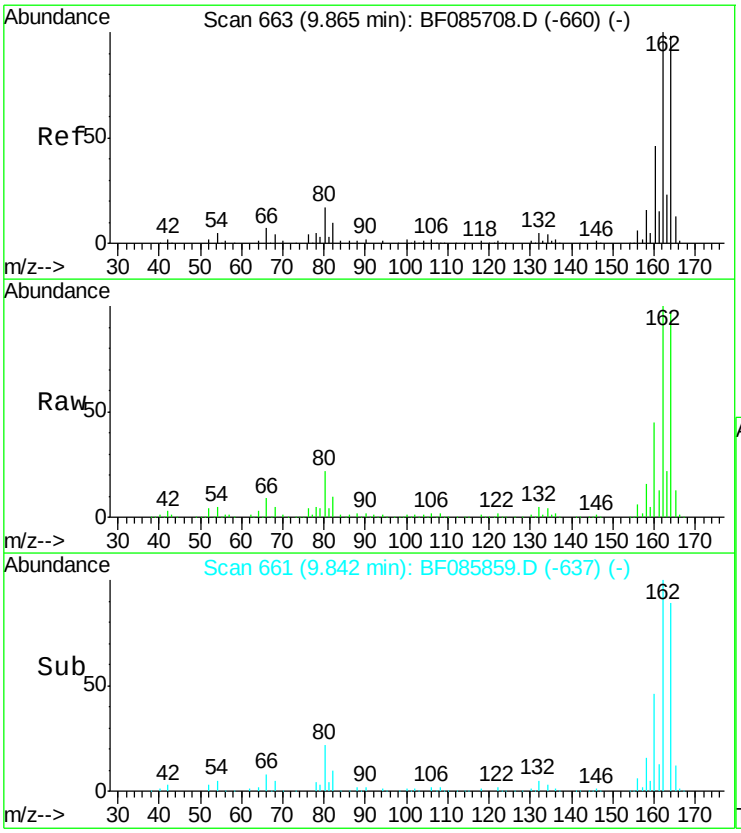
#37
2-Methylnaphthalene
Concen: 12.57 ng
RT: 8.80 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:142 Resp: 217310

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.6	107.4
115	37.2	26.8	40.2

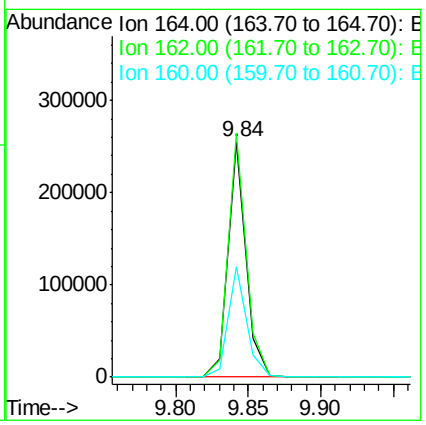


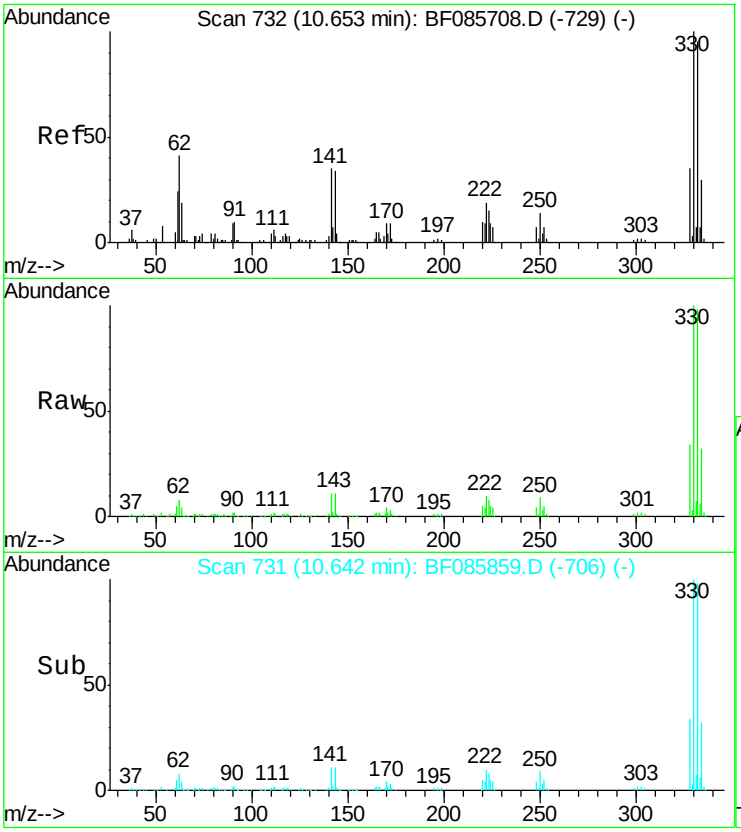


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion:164 Resp: 218441

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.1	123.1
160	47.1	37.4	56.2



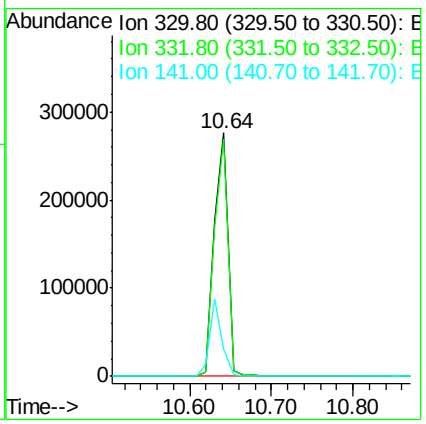


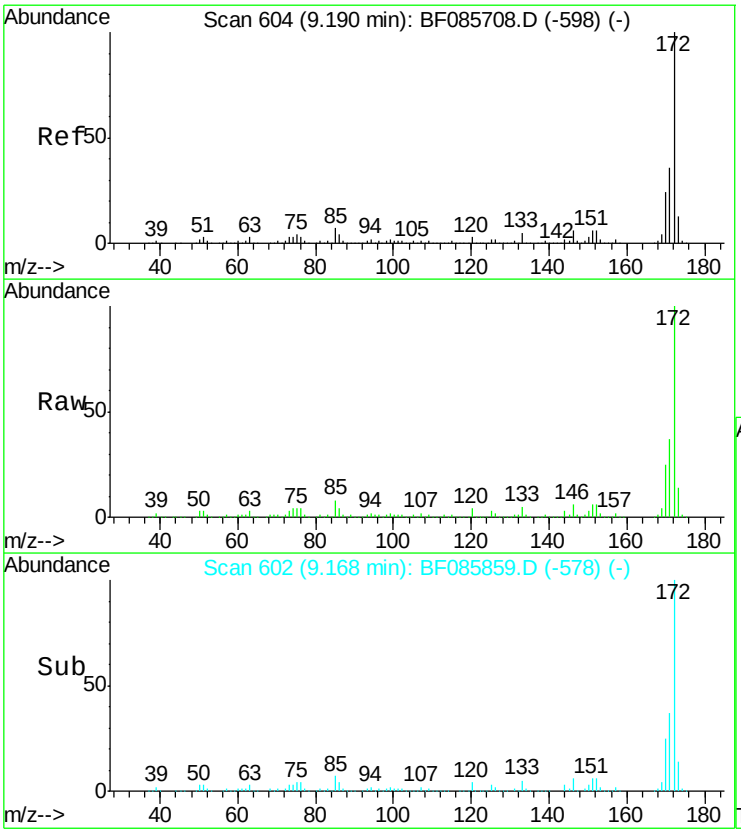
#41
2,4,6-Tribromophenol
Concen: 155.52 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:330 Resp: 322763

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.2
141	29.4	31.5	47.3#

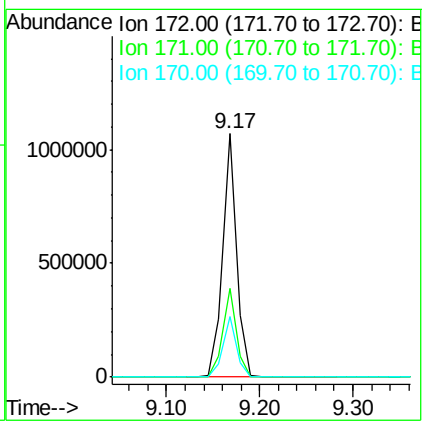


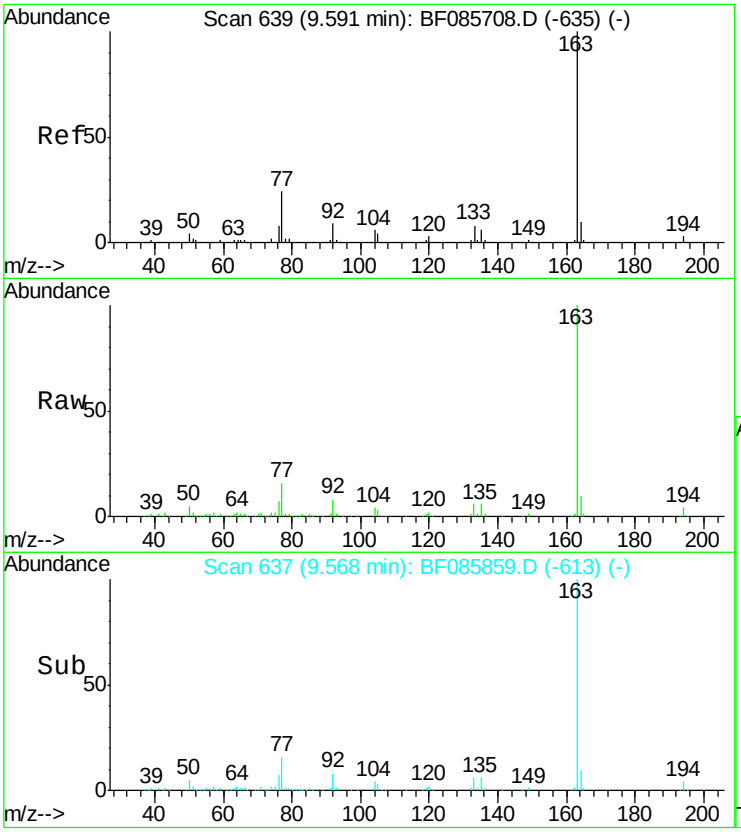


#44
2-Fluorobiphenyl
Concen: 84.78 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion:172 Resp: 1108510

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.7	19.8	29.6



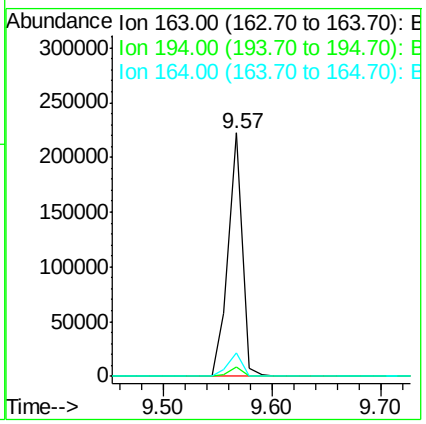


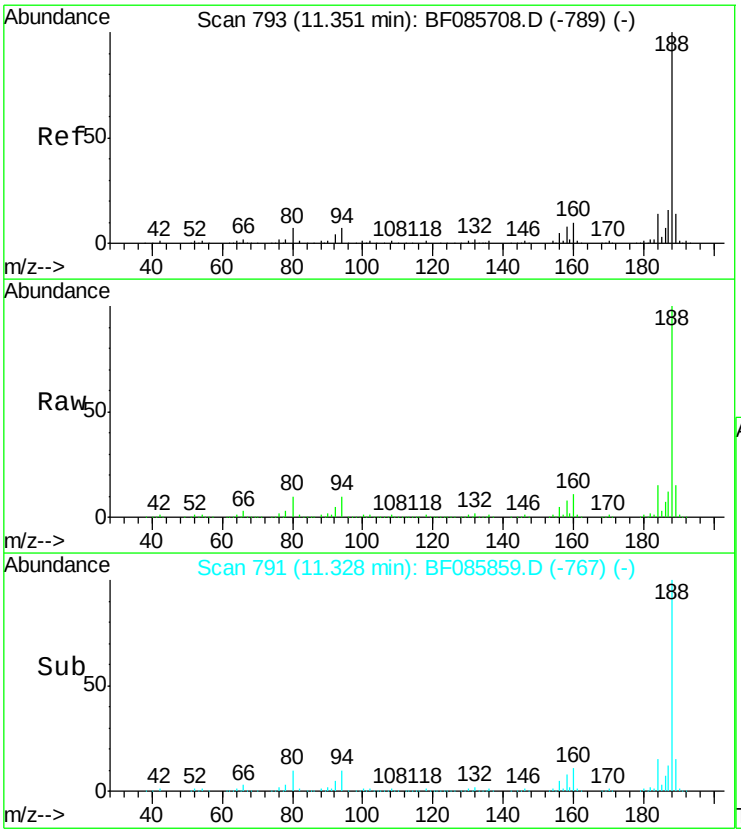
#49
Dimethylphthalate
Concen: 12.09 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:163 Resp: 200391

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.6	8.3	12.5

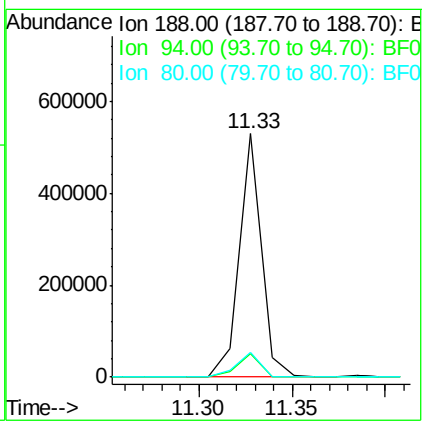


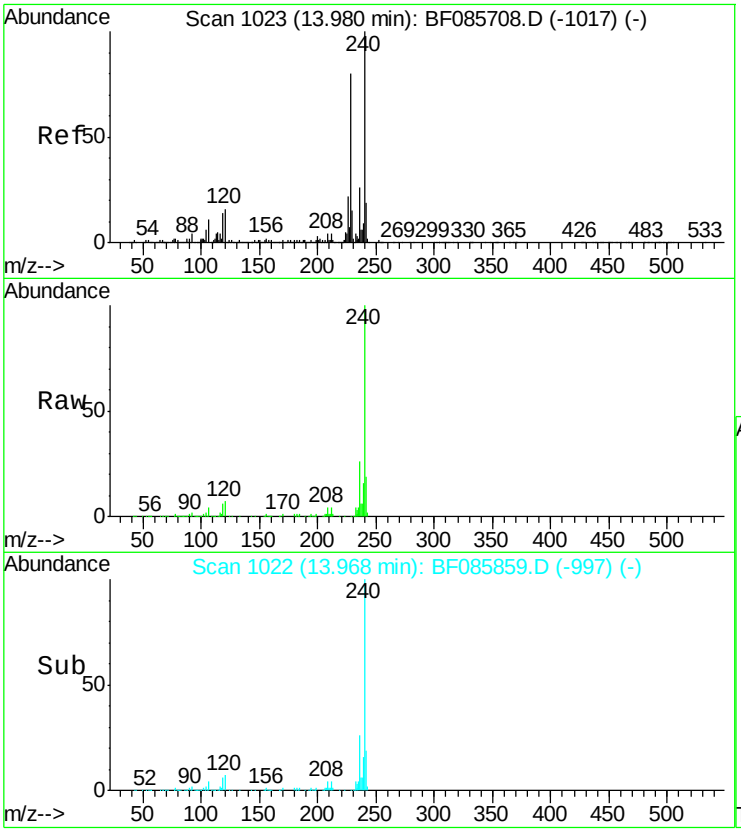


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion:188 Resp: 439046

Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.4	8.0#
80	10.1	5.5	8.3#



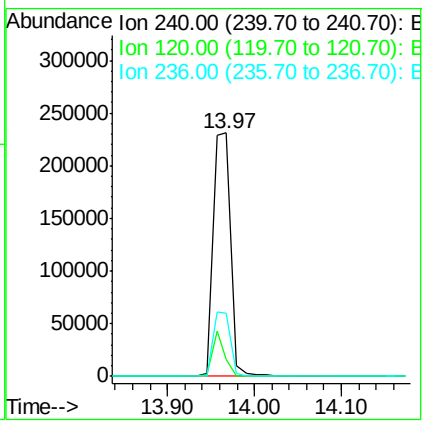


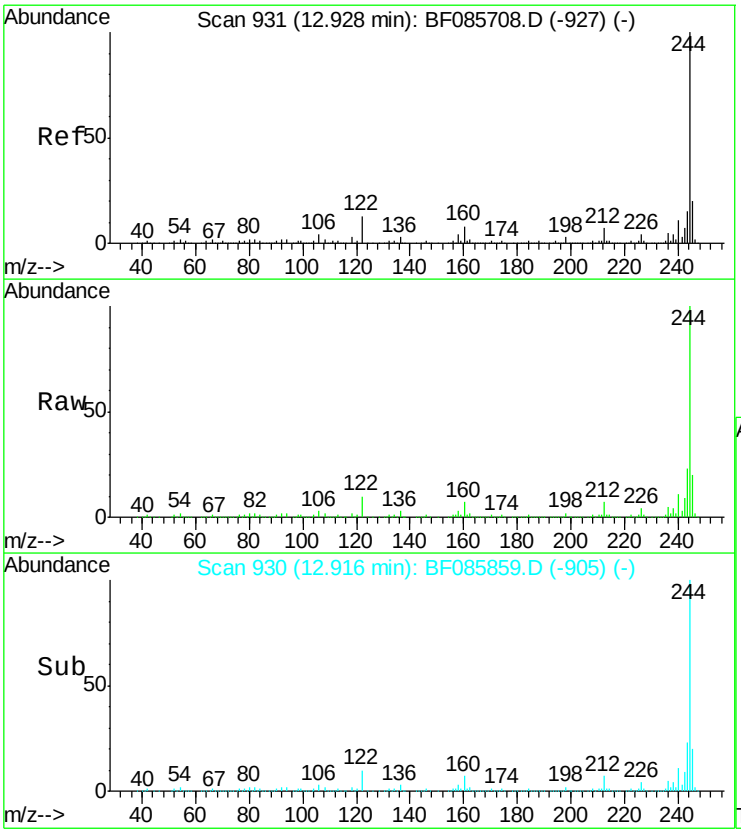
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:240 Resp: 329972

Ion	Ratio	Lower	Upper
240	100		
120	7.2	13.8	20.8#
236	26.1	20.6	30.8

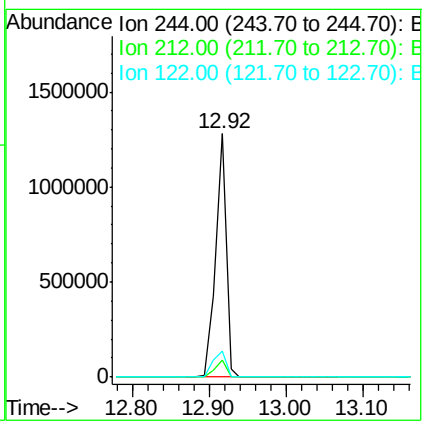


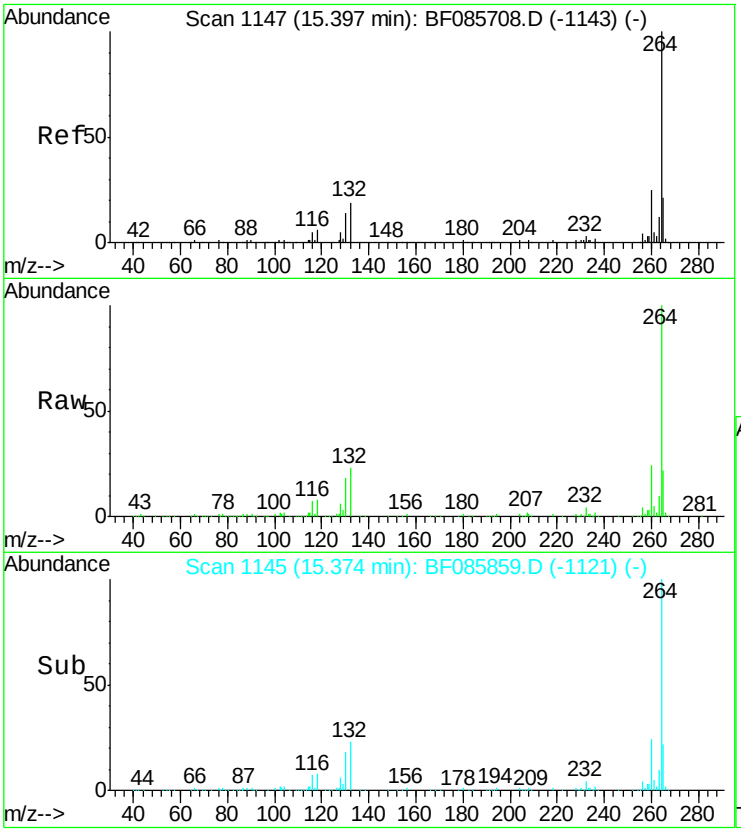


#78
Terphenyl-d14
Concen: 75.89 ng
RT: 12.92 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Tgt Ion:244 Resp: 1217604

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.5	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF085859.D
Acq: 29 Mar 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WC1

Tgt Ion:264 Resp: 241510

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.8	17.2	25.8